

FIG. 1

IN FRACTION AS A FUNCTION OF
THE PRODUCTION TEMPERATURE

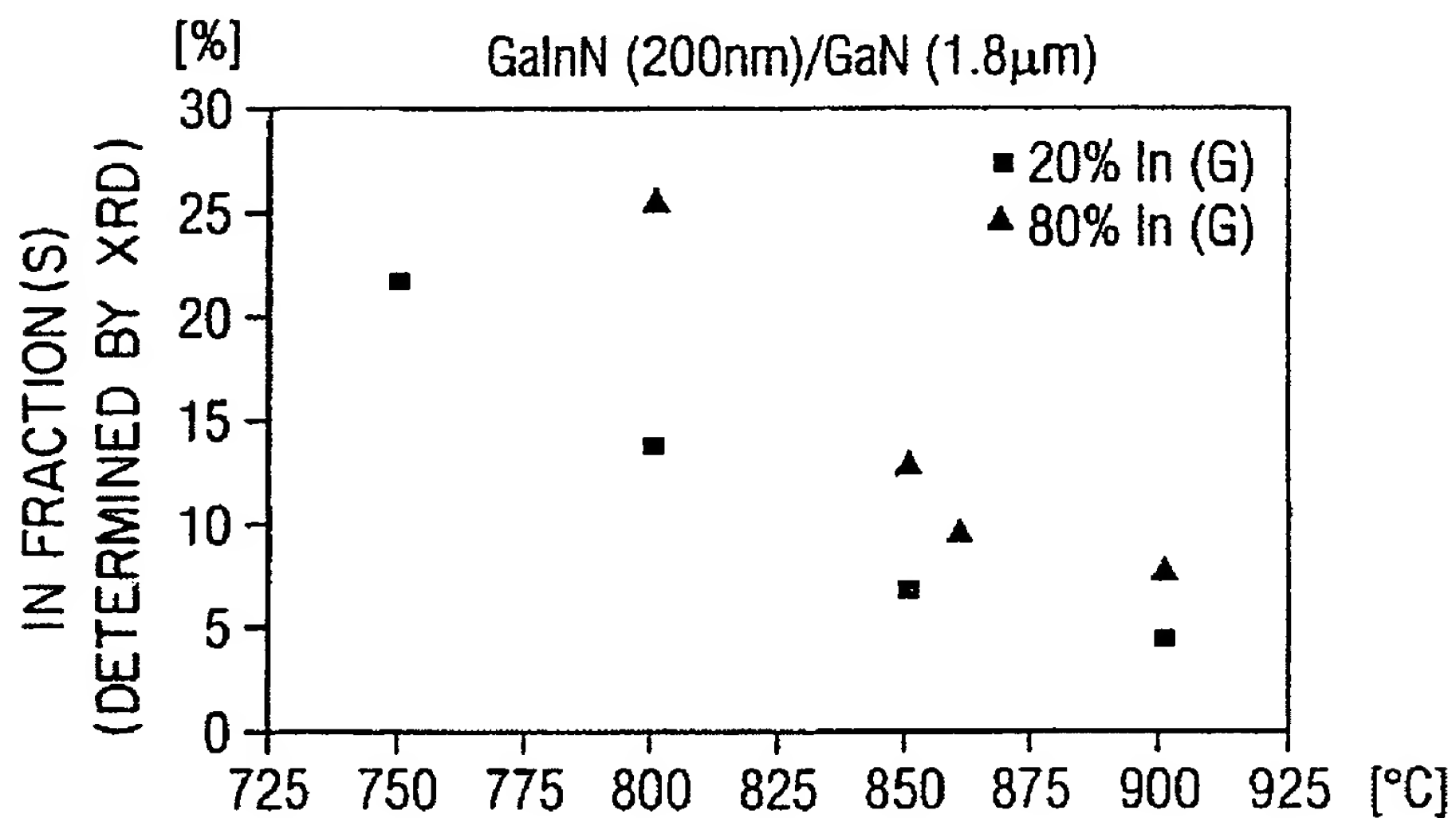


FIG. 2

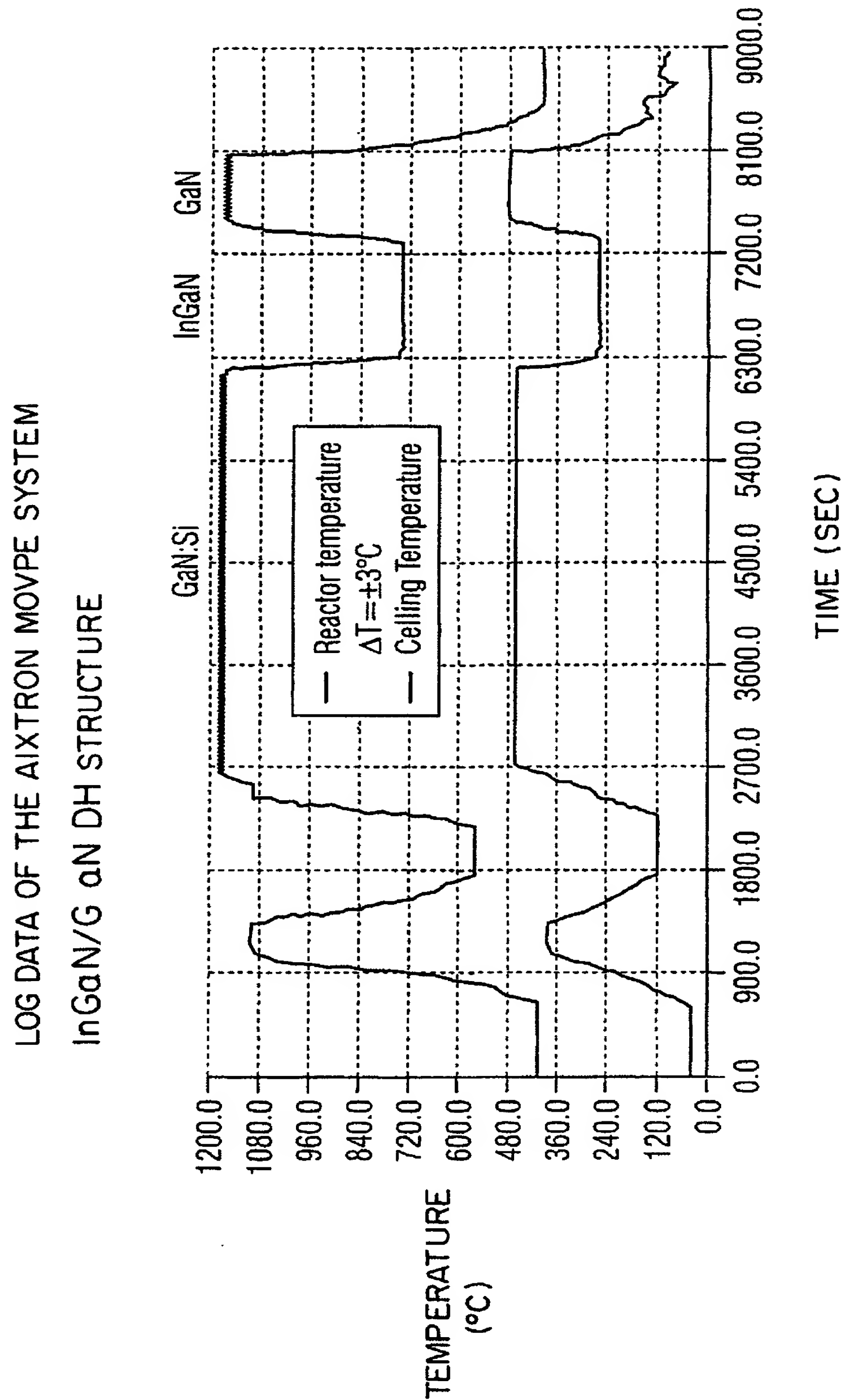


FIG. 3

MASS TRANSFER MODEL
SCHEMATIC ILLUSTRATION THE COMPUTING RANGE AND THE
FINITE VOLUME LATTICE FOR ANALYZING THE MASS TRANSFER

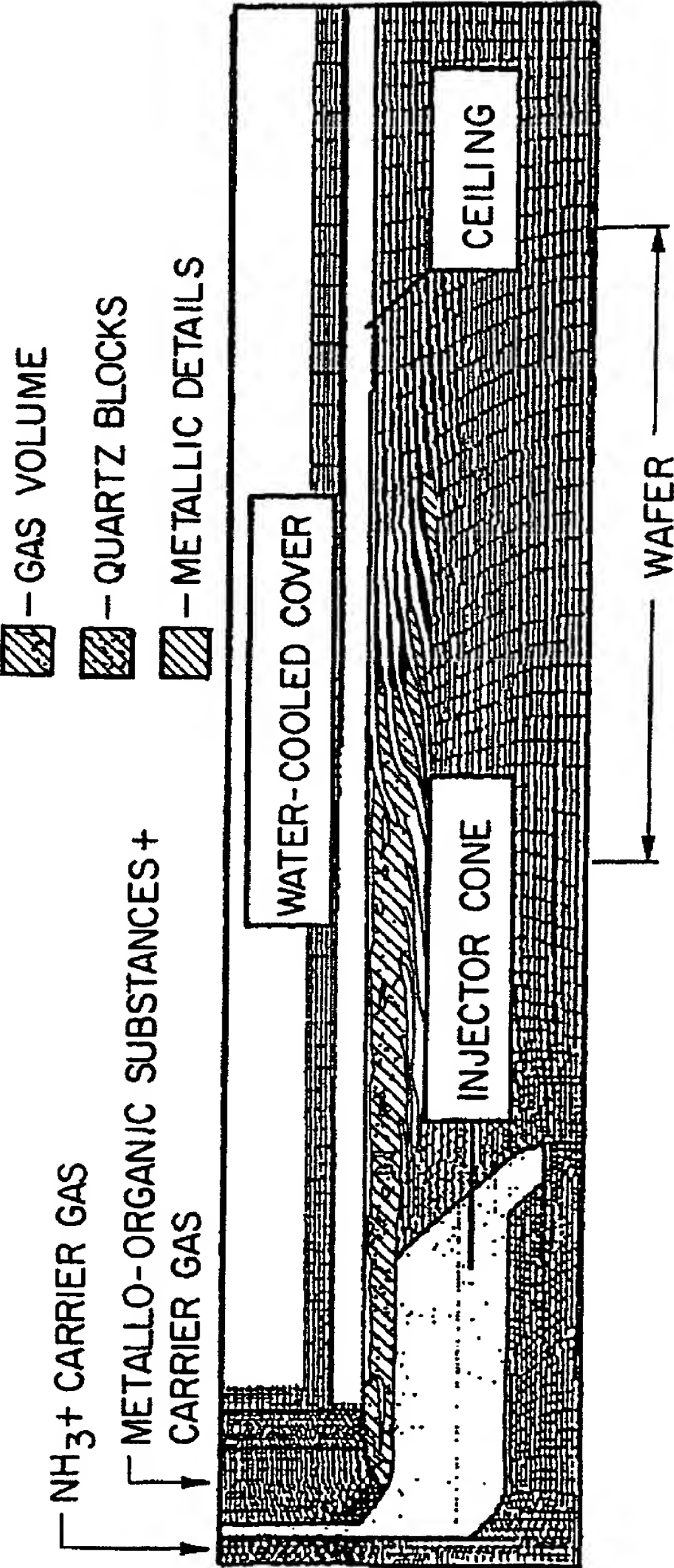


FIG. 3a

TEMPERATURE DISTRIBUTION

THE MODEL EXPLAINS:

- MIXTURE AND REACTION OF PRECURSOR FLOWS
- GREY DIFFUSE RADIATION
- CONJUGATED HEAT TRANSMISSION

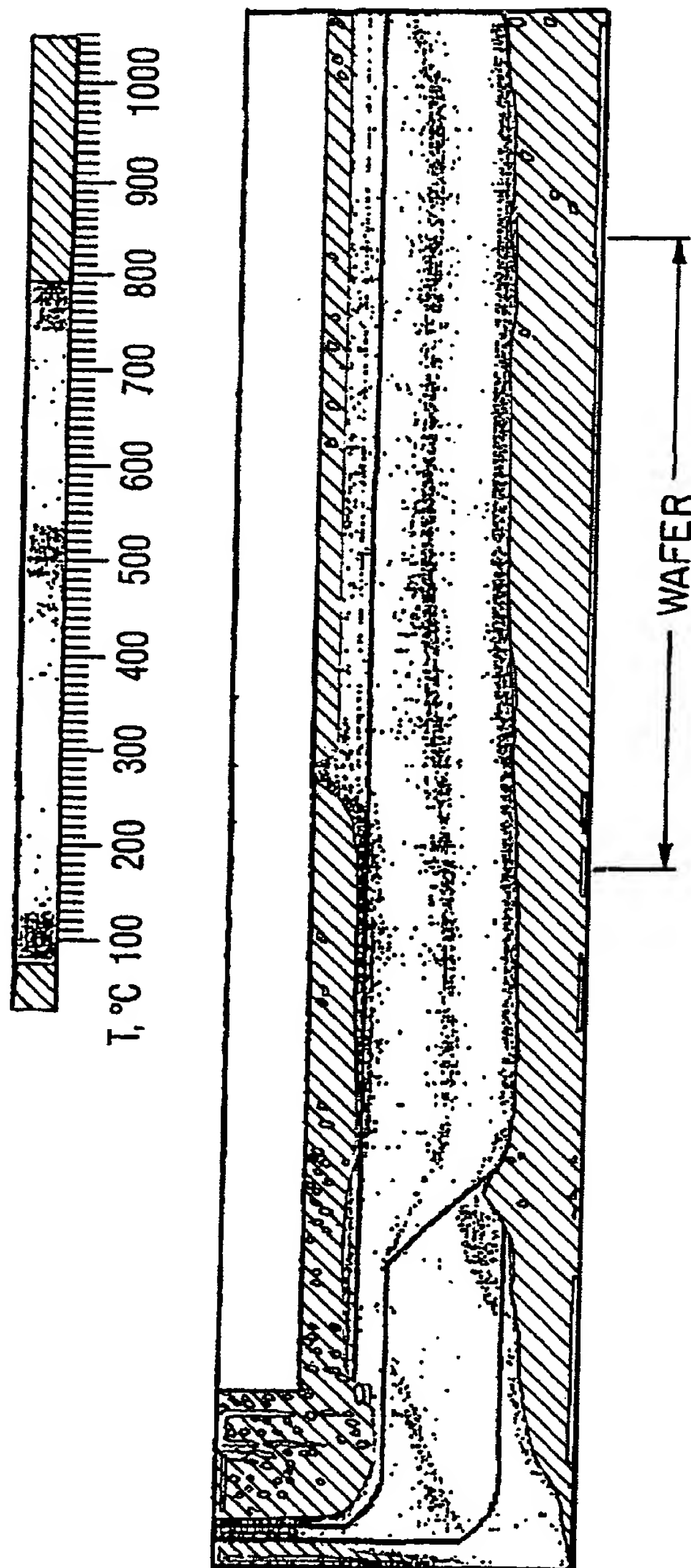


FIG. 3b

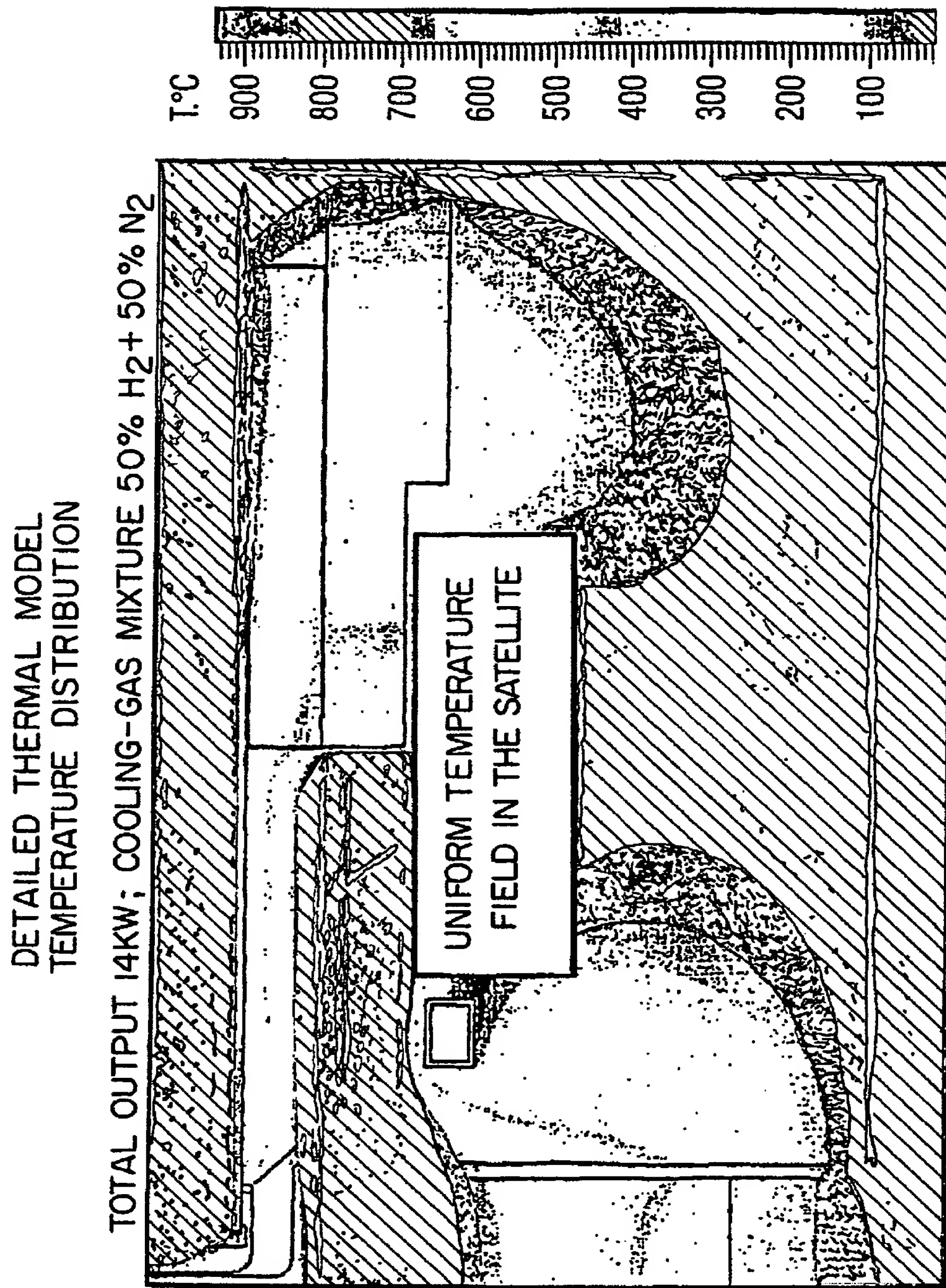


FIG. 3c

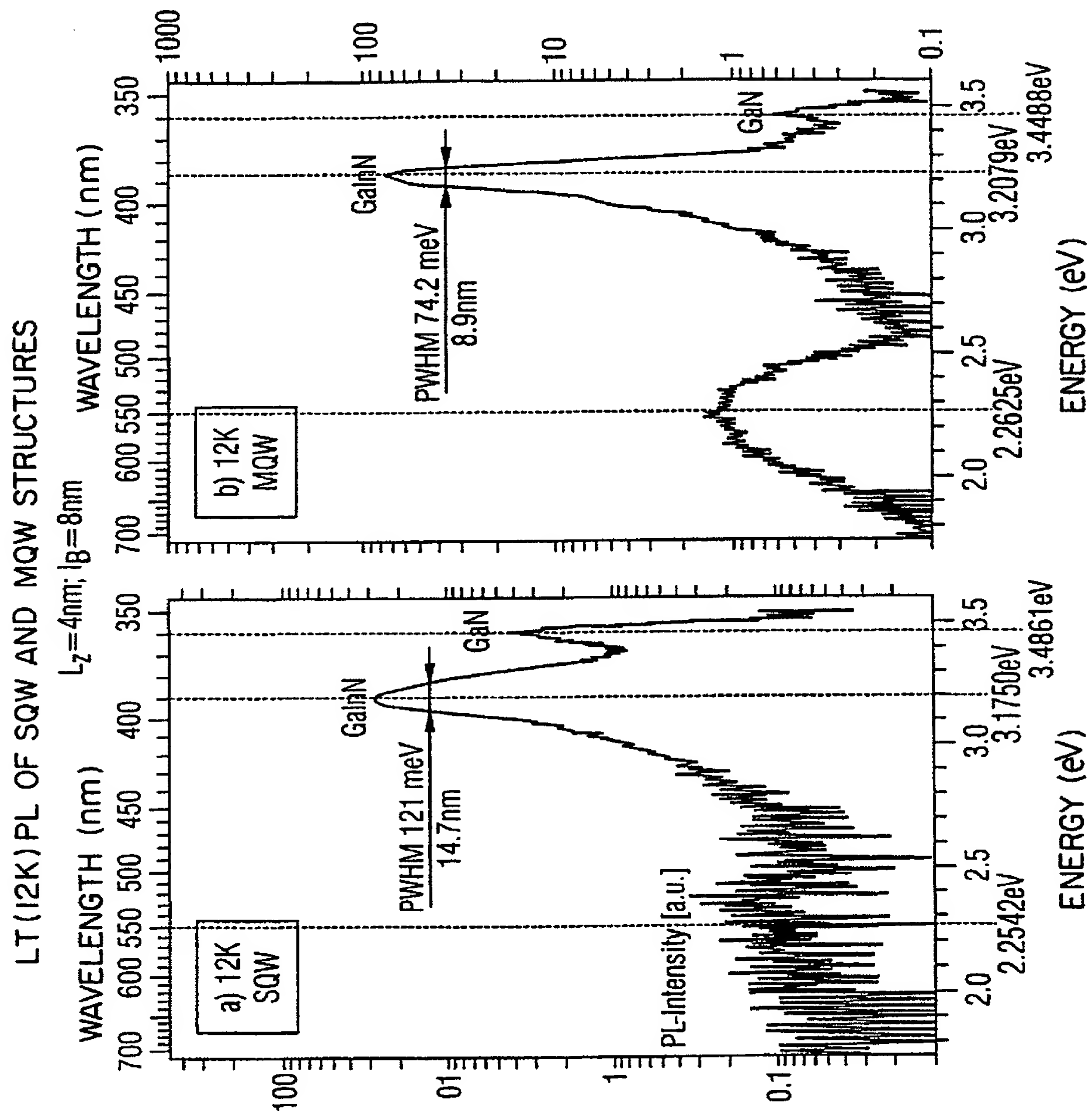
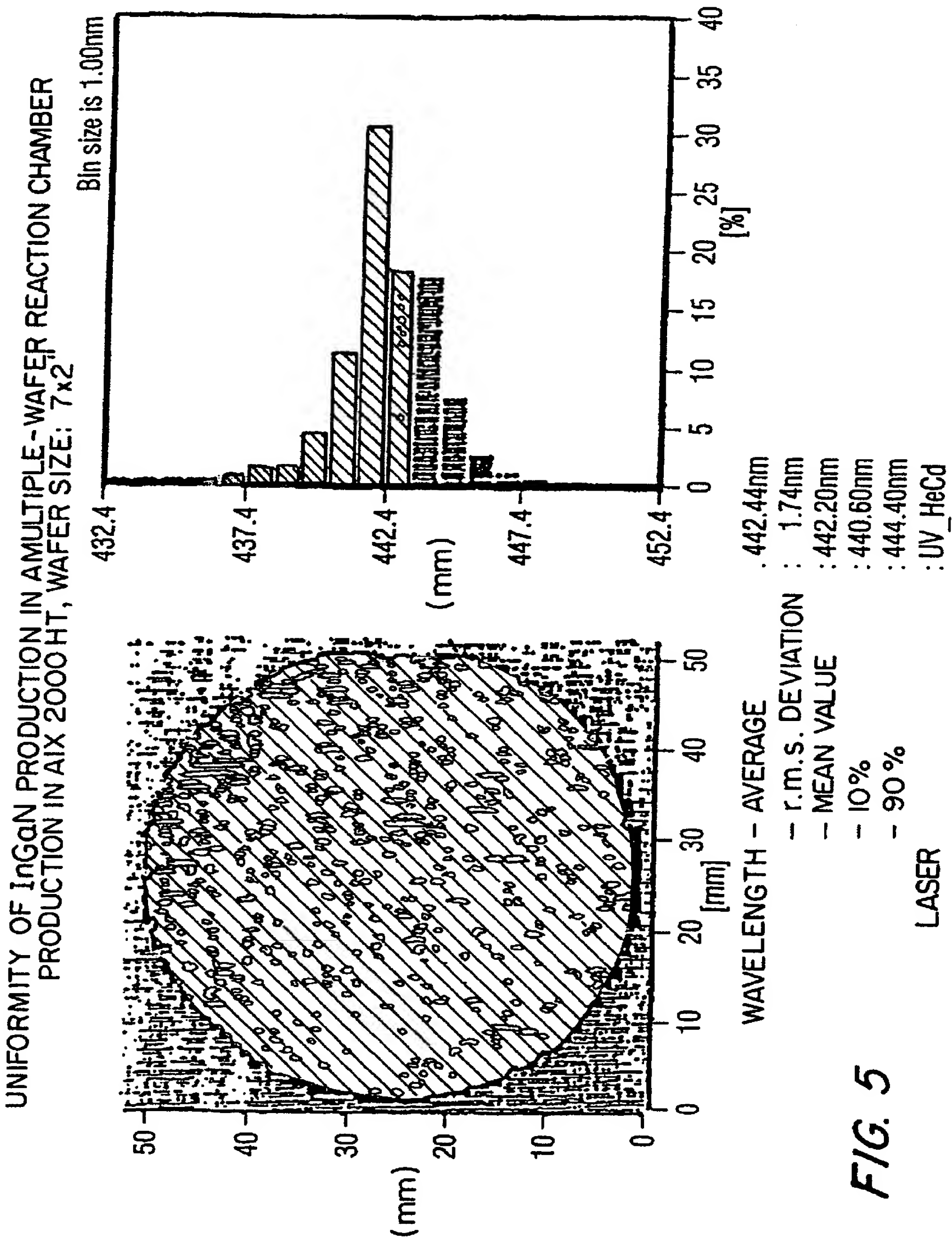
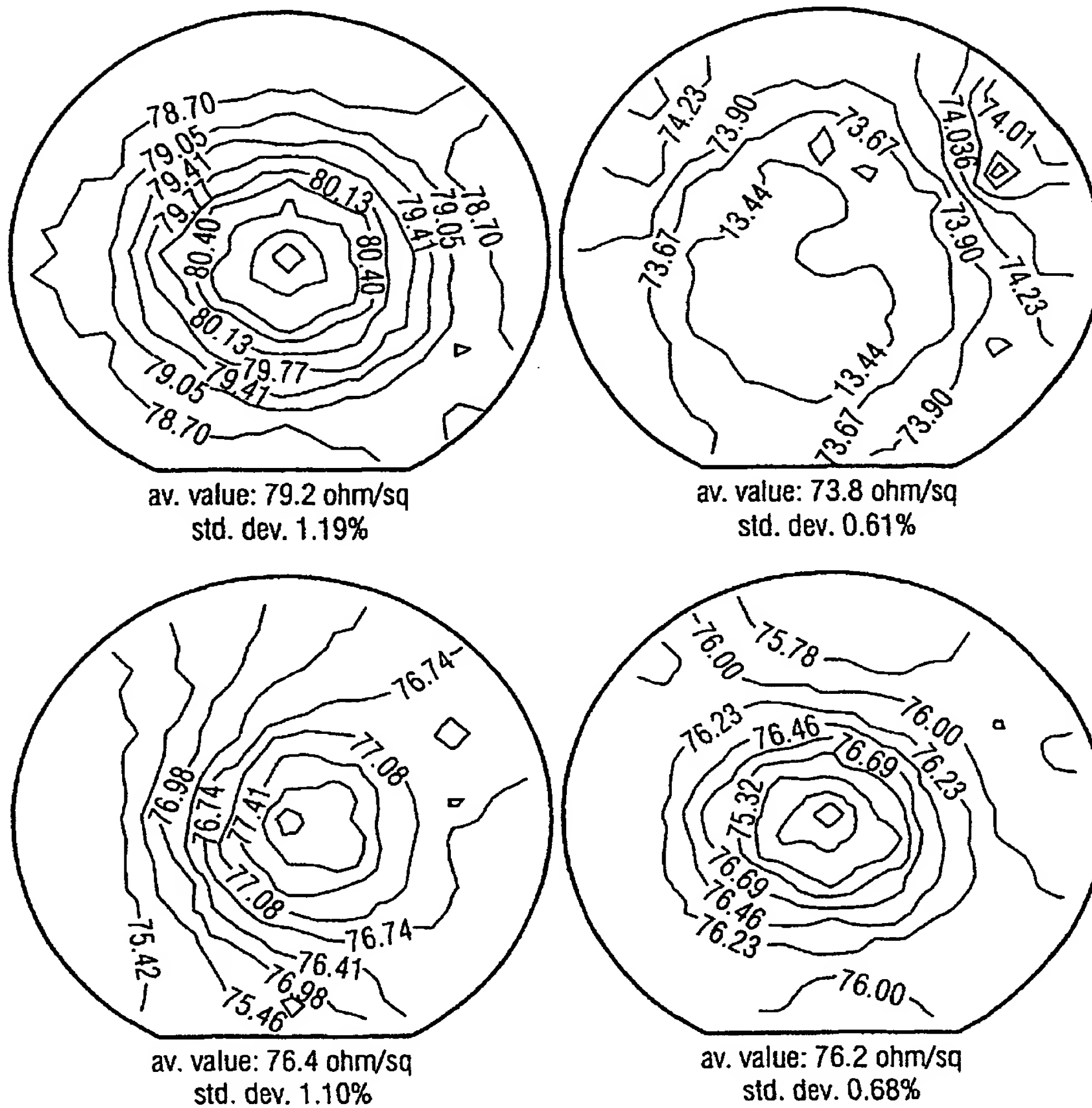


FIG. 4



9 of 11

WAFER TO WAFER HOMOGENEITY OF n-DOPED
GaN/InGaN-DHS



WAFER TO WAFER r. m. s. DEVIATION: 2,7 %

FIG. 6

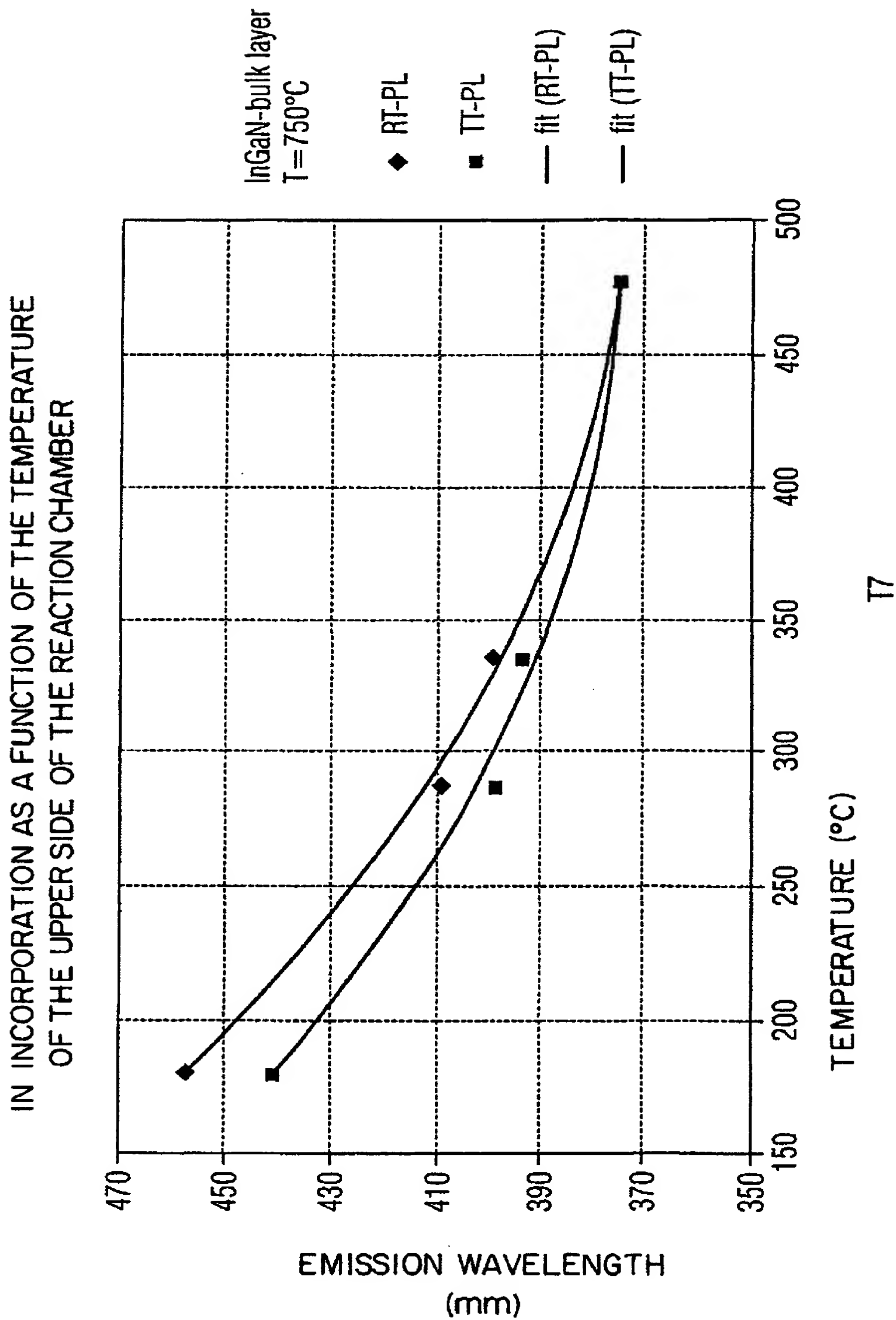


FIG. 7

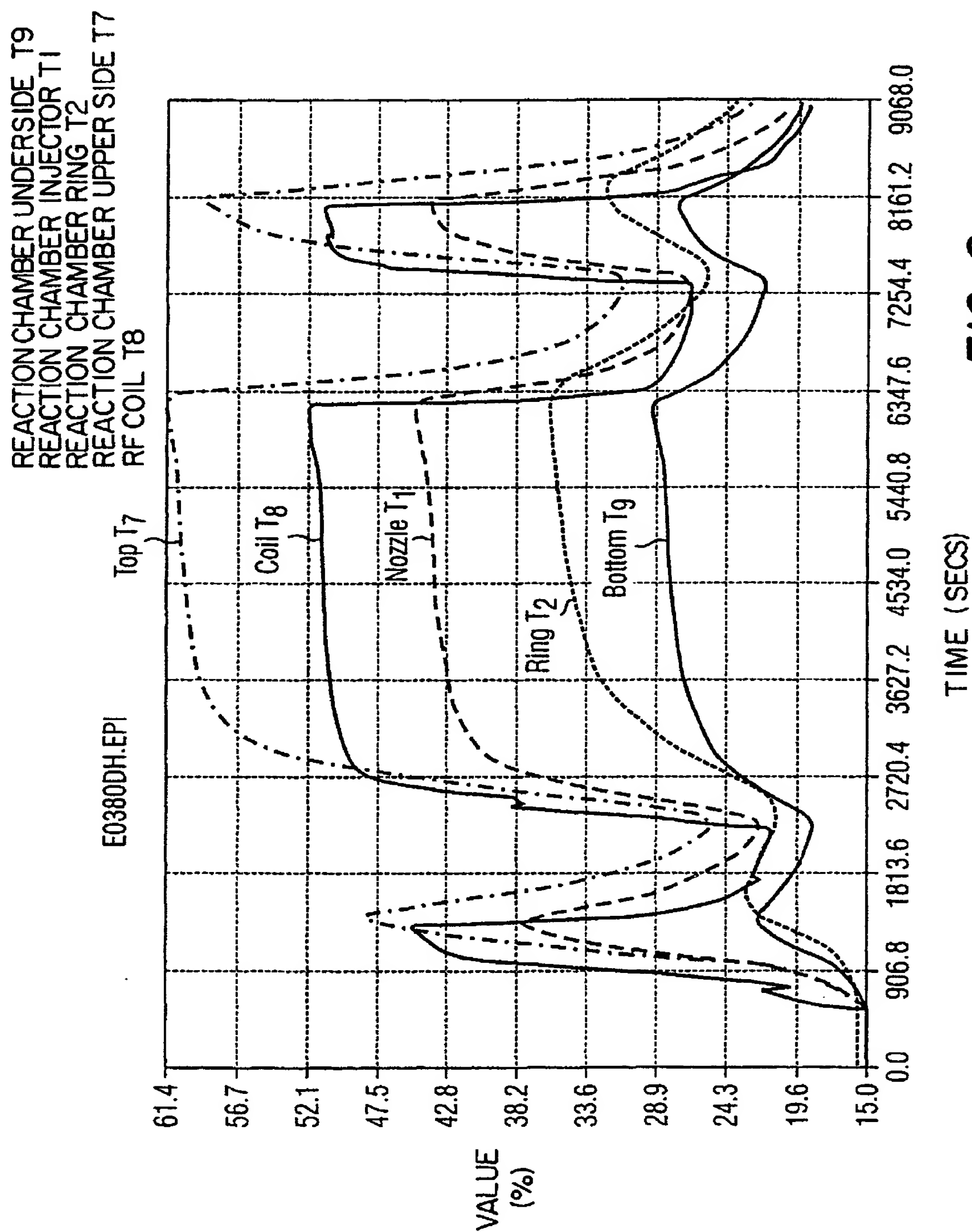


FIG. 8